

(FILE 'HOME' ENTERED AT 15:52:45 ON 20 MAR 2002)

FILE 'BIOSIS, CABA, CAPLUS, EMBASE, LIFESCI, MEDLINE, SCISEARCH,
USPATFULL, JAPIO' ENTERED AT 15:52:55 ON 20 MAR 2002

L1	770 S CHEN, GANG/AU
L2	645 DUP REM L1 (125 DUPLICATES REMOVED)
L3	4 S L2 AND BINDING PROTEINS
L4	12 S HAYHURST, ANDREW/AU
L5	0 S THOMAS, JEFFERY/AU
L6	0 S THOMAS, JEFFREY
L7	17 S THOMAS, JEFFREY/AU
L8	18 S IVERSON, BRENT/AU
L9	225 S GEORGIU, GEORGE/AU
L10	8 S L9 AND BINDING PROTEINS

3 ANSWER 1 OF 4 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 2001:307486 BIOSIS
DOCUMENT NUMBER: PREV200100307486
TITLE: Isolation of high-affinity ligand-binding
proteins by periplasmic expression with cytometric
screening (PECS).
AUTHOR(S): **Chen, Gang**; Hayhurst, Andrew; Thomas, Jeffery G.;
Harvey, Barrett R.; Iverson, Brent L. (1); Georgiou, George
(1)
CORPORATE SOURCE: (1) Institute for Cell and Molecular Biology, University of
Texas, Austin, TX, 7812-05: biverson@utxvms.cc.utexas.edu,
gg@che.utexas.edu USA
SOURCE: Nature Biotechnology, (June, 2001) Vol. 19, No. 6, pp.
537-542. print.
ISSN: 1087-0156.
DOCUMENT TYPE: Article
LANGUAGE: English
SUMMARY LANGUAGE: English

L3 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2000:523779 CAPLUS
DOCUMENT NUMBER: 133:103182
TITLE: Go.alpha. and Gs.alpha. gene expression in piriform
cortex of brain in neonatal rats with hypothyroidism
AUTHOR(S): Cai, Dongsheng; Chen, Yuan; **Chen, Gang**; Jin,
Qunyan; Li, Guo; Luo, Min
CORPORATE SOURCE: Shanghai Institute of Endocrinology, Ruijin Hospital,
SSMU, Shanghai, 200025, Peop. Rep. China
SOURCE: Shanghai Dier Yike Daxue Xuebao (2000), 20(3),
193-195, 198
CODEN: SDDXE3; ISSN: 0258-5898
PUBLISHER: Shanghai Dier Yike Daxue Xuebao Bianjibu
DOCUMENT TYPE: Journal
LANGUAGE: Chinese

L3 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1999:773795 CAPLUS
DOCUMENT NUMBER: 132:161536
TITLE: Effect of thyroid hormone on Go protein .alpha.
subunit expression in hypothalamus of neonatal rat
AUTHOR(S): Cai, Dongsheng; Luo, Min; Chen, Yuan; Ding, Wei;
Chen, Gang; Jin, Qunyan; Da, Cuidi; Chen,
Jialun
CORPORATE SOURCE: Shanghai Institute of Endocrinology, Ruijin Hospital,
Shanghai Second Medical University, Shanghai, 200025,
Peop. Rep. China
SOURCE: Zhonghua Neifenmi Daixie Zazhi (1999), 15(5), 286-289
CODEN: ZNDZEK; ISSN: 1000-6699
PUBLISHER: Shanghaishi Neifenmi Yanjiuso
DOCUMENT TYPE: Journal
LANGUAGE: Chinese

L3 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1996:217232 CAPLUS
TITLE: Flow cytometric screening of antibody fragment contact
residue libraries displayed at the surface of
escherichia coli: A model system for the development
of bacterial surface display for antibody selection.
AUTHOR(S): Daugherty, Patrick; **Chen, Gang**; Iverson,
Brent; Georgiou, George
CORPORATE SOURCE: Departments Chemical Engineering, University Texas,
Austin, TX, 78712, USA
SOURCE: Book of Abstracts, 211th ACS National Meeting, New
Orleans, LA, March 24-28 (1996), BIOT-076. American

DOCUMENT TYPE:
LANGUAGE:

Chemical Society: Washington, D. C.
CODEN: 62PIAJ
Conference; Meeting Abstract
English

=>

ANSWER 1 OF 12 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 2002:94974 BIOSIS
DOCUMENT NUMBER: PREV200200094974
TITLE: High-throughput antibody isolation.
AUTHOR(S): **Hayhurst, Andrew (1)**; Georgiou, George
CORPORATE SOURCE: (1) Department of Chemical Engineering, University of
Texas, Austin, TX, 78712: ggmjd@mail.utexas.edu USA
SOURCE: Current Opinion in Chemical Biology, (December, 2001) Vol.
5, No. 6, pp. 683-689. print.
ISSN: 1367-5931.
DOCUMENT TYPE: Article
LANGUAGE: English

L4 ANSWER 2 OF 12 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 2001:307486 BIOSIS
DOCUMENT NUMBER: PREV200100307486
TITLE: Isolation of high-affinity ligand-binding proteins by
periplasmic expression with cytometric screening (PECS).
AUTHOR(S): Chen, Gang; **Hayhurst, Andrew**; Thomas, Jeffery G.;
Harvey, Barrett R.; Iverson, Brent L. (1); Georgiou, George
(1)
CORPORATE SOURCE: (1) Institute for Cell and Molecular Biology, University of
Texas, Austin, TX, 7812-05: biverson@utxvms.cc.utexas.edu,
gg@che.utexas.edu USA
SOURCE: Nature Biotechnology, (June, 2001) Vol. 19, No. 6, pp.
537-542. print.
ISSN: 1087-0156.
DOCUMENT TYPE: Article
LANGUAGE: English
SUMMARY LANGUAGE: English

L4 ANSWER 3 OF 12 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 2000:220894 BIOSIS
DOCUMENT NUMBER: PREV200000220894
TITLE: Improved expression characteristics of single-chain Fv
fragments when fused downstream of the Escherichia coli
maltose-binding protein or upstream of a single
immunoglobulin-constant domain.
AUTHOR(S): **Hayhurst, Andrew (1)**
CORPORATE SOURCE: (1) Department of Chemical Engineering, University of Texas
at Austin, Austin, TX, 78712 USA
SOURCE: Protein Expression and Purification, (Feb., 2000) Vol. 18,
No. 1, pp. 1-10.
ISSN: 1046-5928.
DOCUMENT TYPE: Article
LANGUAGE: English
SUMMARY LANGUAGE: English

L4 ANSWER 4 OF 12 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 2000:196497 BIOSIS
DOCUMENT NUMBER: PREV200000196497
TITLE: GRIM: Genomic rapid immuno-mapping.
AUTHOR(S): **Hayhurst, Andrew (1)**; Iverson, Brent L.;
Georgiou, George (1)
CORPORATE SOURCE: (1) Chemical Engineering, University of Texas, 26th Street
and Speedway, Austin, TX, 78712 USA
SOURCE: Abstracts of Papers American Chemical Society, (2000) Vol.
219, No. 1-2, pp. BIOT 156.
Meeting Info.: 219th Meeting of the American Chemical
Society. San Francisco, California, USA March 26-30, 2000
American Chemical Society
. ISSN: 0065-7727.
DOCUMENT TYPE: Conference
LANGUAGE: English

SUMMARY LANGUAGE: English

L4 ANSWER 5 OF 12 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 1999:241483 BIOSIS
DOCUMENT NUMBER: PREV199900241483
TITLE: Escherichia coli Skp chaperone coexpression improves solubility and phage display of single-chain antibody fragments.
AUTHOR(S): **Hayhurst, Andrew**; Harris, William J. (1)
CORPORATE SOURCE: (1) Department of Molecular and Cell Biology, Institute of Medical Sciences, University of Aberdeen, Foresterhill, Aberdeen, AB25 2ZD UK
SOURCE: Protein Expression and Purification, (April, 1999) Vol. 15, No. 3, pp. 336-343.
ISSN: 1046-5928.
DOCUMENT TYPE: Article
LANGUAGE: English
SUMMARY LANGUAGE: English

L4 ANSWER 6 OF 12 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 1996:106801 BIOSIS
DOCUMENT NUMBER: PREV199698678936
TITLE: An efficient method for the rescue and analysis of functional HIV-1 env genes: Evidence for recombination in the vicinity of the tat/rev splice site.
AUTHOR(S): Douglas, Nigel W.; Knight, Angus I.; **Hayhurst, Andrew**; Barrett, Winsome Y.; Kevany, Michael J.; Daniels, Rod S. (1)
CORPORATE SOURCE: (1) Virol. Div., Natl. Inst. Med. Res., Ridgeway, Mill Hill, London NW7 1AA UK
SOURCE: AIDS (Philadelphia), (1996) Vol. 10, No. 1, pp. 39-46.
ISSN: 0269-9370.
DOCUMENT TYPE: Article
LANGUAGE: English

L4 ANSWER 7 OF 12 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2001:884441 CAPLUS
DOCUMENT NUMBER: 136:149261
TITLE: High-throughput antibody isolation
AUTHOR(S): **Hayhurst, Andrew**; Georgiou, George
CORPORATE SOURCE: Departments of Chemical Engineering, University of Texas, Austin, TX, 78712, USA
SOURCE: Current Opinion in Chemical Biology (2001), 5(6), 683-689
CODEN: COCBF4; ISSN: 1367-5931
PUBLISHER: Elsevier Science Ltd.
DOCUMENT TYPE: Journal; General Review
LANGUAGE: English
REFERENCE COUNT: 57 THERE ARE 57 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 8 OF 12 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2001:428879 CAPLUS
DOCUMENT NUMBER: 135:58046
TITLE: Isolation of high-affinity ligand-binding proteins by periplasmic expression with cytometric screening (PECS)
AUTHOR(S): Chen, Gang; **Hayhurst, Andrew**; Thomas, Jeffery G.; Harvey, Barrett R.; Iverson, Brent L.; Georgiou, George
CORPORATE SOURCE: Inst. Cell and Molecular Biology, Univ. Texas, Austin, TX, 7812-05, USA
SOURCE: Nature Biotechnology (2001), 19(6), 537-542
CODEN: NABIF9; ISSN: 1087-0156

PUBLISHER: Nature America Inc.
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 9 OF 12 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2000:327381 CAPLUS
TITLE: GRIM: Genomic rapid immuno-mapping.
AUTHOR(S): **Hayhurst, Andrew**; Iverson, Brent L.;
Georgiou, George
CORPORATE SOURCE: Chemical Engineering, University of Texas, Austin, TX,
78712, USA
SOURCE: Book of Abstracts, 219th ACS National Meeting, San
Francisco, CA, March 26-30, 2000 (2000), BIOT-156.
American Chemical Society: Washington, D. C.
CODEN: 69CLAC
DOCUMENT TYPE: Conference; Meeting Abstract
LANGUAGE: English

L4 ANSWER 10 OF 12 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2000:58684 CAPLUS
DOCUMENT NUMBER: 132:330535
TITLE: Improved Expression Characteristics of Single-Chain Fv
Fragments When Fused Downstream of the Escherichia
coli Maltose-Binding Protein or Upstream of a Single
Immunoglobulin-Constant Domain
AUTHOR(S): **Hayhurst, Andrew**
CORPORATE SOURCE: Department of Molecular and Cell Biology, Institute of
Medical Sciences, University of Aberdeen, Aberdeen,
AB25 2SZ, UK
SOURCE: Protein Expression Purif. (2000), 18(1), 1-10
CODEN: PEXPEJ; ISSN: 1046-5928
PUBLISHER: Academic Press
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 51 THERE ARE 51 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 11 OF 12 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1999:199105 CAPLUS
DOCUMENT NUMBER: 131:57472
TITLE: Escherichia coli Skp Chaperone Coexpression Improves
Solubility and Phage Display of Single-Chain Antibody
Fragments
AUTHOR(S): **Hayhurst, Andrew**; Harris, William J.
CORPORATE SOURCE: Department of Molecular and Cell Biology, Institute of
Medical Sciences, University of Aberdeen, Aberdeen,
AB25 2ZD, UK
SOURCE: Protein Expression Purif. (1999), 15(3), 336-343
CODEN: PEXPEJ; ISSN: 1046-5928
PUBLISHER: Academic Press
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 12 OF 12 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1996:83900 CAPLUS
DOCUMENT NUMBER: 124:166508
TITLE: An efficient method for the rescue and analysis of
functional HIV-1 env genes: evidence for recombination
in the vicinity of the tat/rev splice site
AUTHOR(S): Douglas, Nigel W.; Knight, Angus I.; **Hayhurst,**

Andrew; Barrett, Winsome Y.; Kevany, Michael J.;
Daniels, Rod S.
CORPORATE SOURCE: Virology Division, National Institute of Medical
Research, London, UK
SOURCE: AIDS (London) (1996), 10(1), 39-46
CODEN: AIDSET; ISSN: 0269-9370
DOCUMENT TYPE: Journal
LANGUAGE: English

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L7 ANSWER 1 OF 17 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 2002:162005 BIOSIS
DOCUMENT NUMBER: PREV200200162005
TITLE: Regulation of insulin/insulin-like growth factor-1
signaling by proteasome-mediated degradation of insulin
receptor substrate-2.
AUTHOR(S): Rui, Liangyou; Fisher, Tracey L.; **Thomas, Jeffrey**
; White, Morris F. (1)
CORPORATE SOURCE: (1) Joslin Diabetes Center, Howard Hughes Medical Inst.,
One Joslin Pl., Boston, MA, 02215:
morris.white@joslin.harvard.edu USA
SOURCE: Journal of Biological Chemistry, (October 26, 2001) Vol.
276, No. 43, pp. 40362-40367. <http://www.jbc.org/>. print.
ISSN: 0021-9258.
DOCUMENT TYPE: Article
LANGUAGE: English

L7 ANSWER 2 OF 17 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 2002:137690 BIOSIS
DOCUMENT NUMBER: PREV200200137690
TITLE: Prevention of carotid angioplasty-induced bradycardia and
hypotension with temporary venous pacemakers.
AUTHOR(S): Harrop, James S. (1); Sharan, Ashwini D.; Benitez, Ronald
P.; Armonda, Rocco; **Thomas, Jeffrey**; Rosenwasser,
Robert H.
CORPORATE SOURCE: (1) Department of Neurosurgery, Cleveland Clinic
Foundation, 9500 Euclid Avenue, S80, Cleveland, OH, 44195
USA
SOURCE: Neurosurgery (Baltimore), (October, 2001) Vol. 49, No. 4,
pp. 814-822. <http://www.neurosurgery-online.com/>. print.
ISSN: 0148-396X.
DOCUMENT TYPE: Article
LANGUAGE: English

L7 ANSWER 3 OF 17 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 2001:402295 BIOSIS
DOCUMENT NUMBER: PREV200100402295
TITLE: Predicting splice variant from DNA chip expression data.
AUTHOR(S): Hu, Gang Ken (1); Madore, Steven J.; Moldover, Brian;
Jatkoe, Tim; Balaban, David; **Thomas, Jeffrey**;
Wang, Yixin
CORPORATE SOURCE: (1) Bioinformatics, Department of Molecular Science, Pfizer
Global Research and Development, Ann Arbor Laboratories,
Ann Arbor, MI, 48105: KenGang.Hu@pfizer.com USA
SOURCE: Genome Research, (July, 2001) Vol. 11, No. 7, pp.
1237-1245. print.
ISSN: 1088-9051.
DOCUMENT TYPE: Article
LANGUAGE: English
SUMMARY LANGUAGE: English

L7 ANSWER 4 OF 17 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 2001:316611 BIOSIS
DOCUMENT NUMBER: PREV200100316611
TITLE: A genome scan for type 2 diabetes susceptibility loci in a
genetically isolated population.
AUTHOR(S): Permutt, Marshall A. (1); Wasson, Jonathon C.; Suarez,
Brian K.; Lin, Jennifer; **Thomas, Jeffrey**; Meyer,
Joanne; Lewitzky, Steve; Rennich, Jean S.; Parker, Alex;
DuPrat, Laura; Maruti, Sanchit; Chayen, Susan; Glaser,
Benjamin
CORPORATE SOURCE: (1) Metabolism Division, Washington University School of
Medicine, 660 S. Euclid, St. Louis, MO, 63110:
apermutt@imgate.wustl.edu USA

SOURCE: Diabetes, (March, 2001) Vol. 50, No. 3, pp. 681-685. print.
ISSN: 0012-1797.
DOCUMENT TYPE: Article
LANGUAGE: English
SUMMARY LANGUAGE: English

L7 ANSWER 5 OF 17 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 1998:300752 BIOSIS
DOCUMENT NUMBER: PREV199800300752
TITLE: Hepatocyte nuclear factor 1alpha coding mutations are an uncommon contributor to early-onset type 2 diabetes in Ashkenazi Jews.
AUTHOR(S): Behn, Philip S.; Wasson, Jon; Chayen, Susan; Smolovitch, Irena; **Thomas, Jeffrey**; Glaser, Benjamin; Permutt, M. Alan (1)
CORPORATE SOURCE: (1) Div. Metabolism, Endocrinol. Diabetes, Washington Univ. Med. Sch., Campus Box 8127, 660 Euclid Ave., St. Louis, MO 63110 USA
SOURCE: Diabetes, (June, 1998) Vol. 47, No. 6, pp. 967-969.
ISSN: 0012-1797.
DOCUMENT TYPE: Article
LANGUAGE: English

L7 ANSWER 6 OF 17 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 1997:156651 BIOSIS
DOCUMENT NUMBER: PREV199799455854
TITLE: Characterization of the MODY3 phenotype: Early-onset diabetes caused by an insulin secretion defect.
AUTHOR(S): Lehto, Markku (1); Tumor, Tiinamaija; Mahtani, Melanie M.; Widen, Elisabeth; Forsblom, Carol; Sarelin, Leena; Gullstrom, Monika; Isomaa, Bo; Lehtovirta, Mikko; Hyrkko, Auli; Kanninen, Timo; Orho, Marju; Manley, Sue; Turner, Robert C.; Brettin, Thomas; Kirby, Andrew; **Thomas, Jeffrey**; Duyk, Geoffrey; Lander, Eric; Taskinen, Marja-Riitta; Group, Leif
CORPORATE SOURCE: (1) Dep. Endocrinology, Wallenberg Lab., MAS, 20502 Malmo Sweden
SOURCE: Journal of Clinical Investigation, (1997) Vol. 99, No. 4, pp. 582-591.
ISSN: 0021-9738.
DOCUMENT TYPE: Article
LANGUAGE: English

L7 ANSWER 7 OF 17 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 1996:462312 BIOSIS
DOCUMENT NUMBER: PREV199699184668
TITLE: Mapping of a gene for type 2 diabetes associated with an insulin secretion defect by a genome scan in Finnish families.
AUTHOR(S): Mahtani, Melanie M.; Widen, Elisabeth; Lehto, Markku; **Thomas, Jeffrey**; McCarthy, Mark; Brayer, James; Bryant, Barbara; Chan, Gayun; Daly, Mark; Forsblom, Carol; Kanninen, Timo; Kirby, Andrew; Kruglyak, Leonid; Munnelly, Kevin; Parkkonen, Maikki; Reeve-Daly, Mary Pat; Weaver, Alix; Brettin, Thomas; Duyk, Geoffrey; Lander, Eric S. (1); Group, Leif C.
CORPORATE SOURCE: (1) Whitehead Inst. Biomedical Res., 9 Cambridge Cent., Cambridge, MA 02142 USA
SOURCE: Nature Genetics, (1996) Vol. 14, No. 1, pp. 90-94.
ISSN: 1061-4036.
DOCUMENT TYPE: Article
LANGUAGE: English

L7 ANSWER 8 OF 17 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2001:815333 CAPLUS
DOCUMENT NUMBER: 136:80051
TITLE: Regulation of insulin/insulin-like growth factor-1
signaling by proteasome-mediated degradation of
insulin receptor substrate-2
AUTHOR(S): Rui, Liangyou; Fisher, Tracey L.; **Thomas, Jeffrey**; White, Morris F.
CORPORATE SOURCE: Howard Hughes Medical Institute, Joslin Diabetes
Center, Harvard Medical School, Boston, MA, 02215, USA
SOURCE: Journal of Biological Chemistry (2001), 276(43),
40362-40367
CODEN: JBCHA3; ISSN: 0021-9258
PUBLISHER: American Society for Biochemistry and Molecular
Biology
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 41 THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 9 OF 17 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2001:512172 CAPLUS
DOCUMENT NUMBER: 136:161882
TITLE: Predicting splice variant from DNA chip expression
data
AUTHOR(S): Hu, Gang Ken; Madore, Steven J.; Moldover, Brian;
Jatkoe, Tim; Balaban, David; **Thomas, Jeffrey**
; Wang, Yixin
CORPORATE SOURCE: Bioinformatics, Department of Molecular Science,
Pfizer Global Research and Development, Ann Arbor
Laboratories, Ann Arbor, MI, 48105, USA
SOURCE: Genome Research (2001), 11(7), 1237-1245
CODEN: GEREFS; ISSN: 1088-9051
PUBLISHER: Cold Spring Harbor Laboratory Press
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 10 OF 17 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2001:175334 CAPLUS
DOCUMENT NUMBER: 135:267953
TITLE: A genome scan for type 2 diabetes susceptibility loci
in a genetically isolated population
AUTHOR(S): Permutt, Marshall A.; Wasson, Jonathon C.; Suarez,
Brian K.; Lin, Jennifer; **Thomas, Jeffrey**;
Meyer, Joanne; Lewitzky, Steve; Rennich, Jean S.;
Parker, Alex; DuPrat, Laura; Maruti, Sanchit; Chayen,
Susan; Glaser, Benjamin
CORPORATE SOURCE: Division of Metabolism, Endocrinology, Washington
University Medical School, St. Louis, MO, 63110, USA
SOURCE: Diabetes (2001), 50(3), 681-685
CODEN: DIAEAZ; ISSN: 0012-1797
PUBLISHER: American Diabetes Association
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 11 OF 17 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1998:350358 CAPLUS
DOCUMENT NUMBER: 129:93886
TITLE: Hepatocyte nuclear factor 1.alpha. coding mutations
are an uncommon contributor to early-onset type 2
diabetes in Ashkenazi Jews

AUTHOR(S): Behn, Philip S.; Wasson, Jon; Chayen, Susan;
Smolovitch, Irena; **Thomas, Jeffrey**; Glaser,
Benjamin; Permutt, M. Alan
CORPORATE SOURCE: Division of Metabolism, Endocrinology and Diabetes,
Washington University Medical School, St. Louis, MO,
63110, USA
SOURCE: Diabetes (1998), 47(6), 967-969
CODEN: DIAEAZ; ISSN: 0012-1797
PUBLISHER: American Diabetes Association
DOCUMENT TYPE: Journal
LANGUAGE: English

L7 ANSWER 12 OF 17 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1998:344535 CAPLUS
DOCUMENT NUMBER: 129:602
TITLE: Compositions and methods for treating type II diabetes
involving hepatic nuclear factor-4 (HNF-4)
INVENTOR(S): Glucksman, Alexandra M.; **Thomas, Jeffrey**
PATENT ASSIGNEE(S): Millennium Pharmaceuticals, Inc., USA
SOURCE: PCT Int. Appl., 116 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9821363	A1	19980522	WO 1997-US20759	19971114
W: AU, CA, JP				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9852571	A1	19980603	AU 1998-52571	19971114
PRIORITY APPLN. INFO.:			US 1996-749430 A	19961115
			WO 1997-US20759 W	19971114

L7 ANSWER 13 OF 17 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1997:130885 CAPLUS
DOCUMENT NUMBER: 126:236950
TITLE: Characterization of the MODY3 phenotype. Early-onset
diabetes caused by an insulin secretion defect
AUTHOR(S): Lehto, Markku; Tuomi, Tiinamaija; Mahtani, Melanie M.;
Widen, Elisabeth; Forsblom, Carol; Sarelin, Leena;
Gullstroem, Monika; Isomaa, Bo; Lehtovirta, Mikko;
Hyrkkoe, Auli; Kanninen, Timo; Orho, Marju; Manley,
Sue; Turner, Robert C.; Brettin, Thomas; Kirby,
Andrew; **Thomas, Jeffrey**; Duyk, Geoffrey;
Lander, Eric; Taskinen, Marja-Riitta; Groop, Leif
CORPORATE SOURCE: Dep. Endocrinol., Univ. Lund, Malmoe Univ. Hosp.,
Malmoe, S-20502, Swed.
SOURCE: J. Clin. Invest. (1997), 99(4), 582-591
CODEN: JCINAO; ISSN: 0021-9738
PUBLISHER: Rockefeller University Press
DOCUMENT TYPE: Journal
LANGUAGE: English

L7 ANSWER 14 OF 17 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1996:561040 CAPLUS
DOCUMENT NUMBER: 125:213901
TITLE: Mapping of a gene for type 2 diabetes associated with
an insulin secretion defect by a genome scan in
Finnish families
AUTHOR(S): Mahtani, Melanie M.; Widen, Elisabeth; Lehto, Markku;
Thomas, Jeffrey; McCarthy, Mark; Brayer,
James; Bryant, Barbara; Chan, Gayun; Daly, Mark; et

al.
CORPORATE SOURCE: Whitehead Inst. Biomedical Res., Cambridge, MA, 02142, USA
SOURCE: Nat. Genet. (1996), 14(1), 90-94
CODEN: NGENEC; ISSN: 1061-4036
DOCUMENT TYPE: Journal
LANGUAGE: English

L7 ANSWER 15 OF 17 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1991:200872 CAPLUS
DOCUMENT NUMBER: 114:200872
TITLE: Insertion of part of an intron into the 5' untranslated region of a Caenorhabditis elegans gene converts it into a trans-spliced gene
AUTHOR(S): Conrad, Richard; **Thomas, Jeffrey**; Spieth, John; Blumenthal, Thomas
CORPORATE SOURCE: Dep. Biol., Indiana Univ., Bloomington, IN, 47405, USA
SOURCE: Mol. Cell. Biol. (1991), 11(4), 1921-6
CODEN: MCEBD4; ISSN: 0270-7306
DOCUMENT TYPE: Journal
LANGUAGE: English

L7 ANSWER 16 OF 17 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1990:585671 CAPLUS
DOCUMENT NUMBER: 113:185671
TITLE: The spliceosomal snRNAs of Caenorhabditis elegans
AUTHOR(S): **Thomas, Jeffrey**; Lea, Kristi; Zucker-Aprison, Erin; Blumenthal, Thomas
CORPORATE SOURCE: Dep. Biol., Indiana Univ., Bloomington, IN, 47405, USA
SOURCE: Nucleic Acids Res. (1990), 18(9), 2633-42
CODEN: NARHAD; ISSN: 0305-1048
DOCUMENT TYPE: Journal
LANGUAGE: English

L7 ANSWER 17 OF 17 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1990:16920 CAPLUS
DOCUMENT NUMBER: 112:16920
TITLE: Cis and trans mRNA splicing in C. elegans
AUTHOR(S): Blumenthal, Thomas; **Thomas, Jeffrey**
CORPORATE SOURCE: Dep. Biol., Indiana Univ., Bloomington, IN, 47405, USA
SOURCE: Trends Genet. (1988), 4(11), 305-8
CODEN: TRGEE2; ISSN: 0168-9525
DOCUMENT TYPE: Journal; General Review
LANGUAGE: English

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L8 ANSWER 1 OF 18 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 2000:408455 BIOSIS
DOCUMENT NUMBER: PREV200000408455
TITLE: High-throughput screening of enzyme libraries.
AUTHOR(S): Olsen, Mark (1); **Iverson, Brent (1)**; Georgiou, George
CORPORATE SOURCE: (1) Department of Chemistry and Biochemistry, University of Texas at Austin, Austin, TX, 78712 USA
SOURCE: Current Opinion in Biotechnology, (August, 2000) Vol. 11, No. 4, pp. 331-337. print.
ISSN: 0958-1669.
DOCUMENT TYPE: General Review
LANGUAGE: English
SUMMARY LANGUAGE: English

L8 ANSWER 2 OF 18 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 1998:422258 BIOSIS
DOCUMENT NUMBER: PREV199800422258
TITLE: Affinity maturation of anti-anthrax toxin SCFV.
AUTHOR(S): Maynard, Jennifer; Georgiou, George; **Iverson, Brent**
CORPORATE SOURCE: Dep. Chem. Eng., Univ. Tex. Austin, Austin, TX 78712 USA
SOURCE: Abstracts of Papers American Chemical Society, (1998) Vol. 216, No. 1-3, pp. BIOT 212.
Meeting Info.: 216th National Meeting of the American Chemical Society Boston, Massachusetts, USA August 23-27, 1998 American Chemical Society
. ISSN: 0065-7727.
DOCUMENT TYPE: Conference
LANGUAGE: English

L8 ANSWER 3 OF 18 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 1998:422239 BIOSIS
DOCUMENT NUMBER: PREV199800422239
TITLE: Engineered metal binding single chain antibody fragments.
AUTHOR(S): Loo, Richard W. (1); Georgiou, George; **Iverson, Brent**
CORPORATE SOURCE: (1) Dep. Chem. Eng., Univ. Texas, Austin, TX 78712 USA
SOURCE: Abstracts of Papers American Chemical Society, (1998) Vol. 216, No. 1-3, pp. BIOT 193.
Meeting Info.: 216th National Meeting of the American Chemical Society Boston, Massachusetts, USA August 23-27, 1998 American Chemical Society
. ISSN: 0065-7727.
DOCUMENT TYPE: Conference
LANGUAGE: English

L8 ANSWER 4 OF 18 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 1996:253184 BIOSIS
DOCUMENT NUMBER: PREV199698809313
TITLE: Flow cytometric screening of antibody fragment contact residue libraries displayed at the surface of Escherichia coli: A model system for the development of bacterial surface display for antibody selection.
AUTHOR(S): Daugherty, Patrick (1); Chen, Gang; **Iverson, Brent**; Georgiou, George (1)
CORPORATE SOURCE: (1) Dep. Chem. Eng., Univ. Tex. at Austin, Austin, TX 78712 USA
SOURCE: Abstracts of Papers American Chemical Society, (1996) Vol. 211, No. 1-2, pp. BIOT 76.
Meeting Info.: 211th American Chemical Society National Meeting New Orleans, Louisiana, USA March 24-28, 1996
ISSN: 0065-7727.
DOCUMENT TYPE: Conference
LANGUAGE: English

L8 ANSWER 5 OF 18 CAPLUS COPYRIGHT 2002 ACS
 ACCESSION NUMBER: 2000:609651 CAPLUS
 DOCUMENT NUMBER: 133:331206
 TITLE: High-throughput screening of enzyme libraries
 AUTHOR(S): Olsen, Mark; **Iverson, Brent**; Georgiou, George
 CORPORATE SOURCE: Department of Chemistry and Biochemistry, University of Texas at Austin, Austin, TX, 78712, USA
 SOURCE: Curr. Opin. Biotechnol. (2000), 11(4), 331-337
 CODEN: CUOBE3; ISSN: 0958-1669
 PUBLISHER: Elsevier Science Ltd.
 DOCUMENT TYPE: Journal; General Review
 LANGUAGE: English
 REFERENCE COUNT: 42 THERE ARE 42 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

✓ L8 ANSWER 6 OF 18 CAPLUS COPYRIGHT 2002 ACS
 ACCESSION NUMBER: 1998:728543 CAPLUS
 DOCUMENT NUMBER: 129:341440
 TITLE: Method of selecting desired proteins by screening proteins displayed on cell surfaces
 INVENTOR(S): **Iverson, Brent**; Georgiou, George; Chen, Gang; Olsen, Mark J.; Daugherty, Patrick S.
 PATENT ASSIGNEE(S): Board of Regents, the University of Texas System, USA
 SOURCE: PCT Int. Appl., 149 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
WO 9849286	A2	19981105	WO 1998-US8714	19980430
WO 9849286	A3	19990325		
W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
AU 9871710	A1	19981124	AU 1998-71710	19980430
PRIORITY APPLN. INFO.:			US 1997-847063	19970501
			WO 1998-US8714	19980430

✓ L8 ANSWER 7 OF 18 CAPLUS COPYRIGHT 2002 ACS
 ACCESSION NUMBER: 1998:524864 CAPLUS
 TITLE: Affinity maturation of anti-anthrax toxin scFv.
 AUTHOR(S): Maynard, Jennifer; Georgiou, George; **Iverson, Brent**
 CORPORATE SOURCE: Department Chemical Engineering, University Texas, Austin, TX, 78712, USA
 SOURCE: Book of Abstracts, 216th ACS National Meeting, Boston, August 23-27 (1998), BIOT-212. American Chemical Society: Washington, D. C.
 CODEN: 66KYA2
 DOCUMENT TYPE: Conference; Meeting Abstract
 LANGUAGE: English

L8 ANSWER 8 OF 18 CAPLUS COPYRIGHT 2002 ACS
 ACCESSION NUMBER: 1998:524853 CAPLUS

TITLE: Engineered metal binding single chain antibody fragments.
 AUTHOR(S): Loo, Richard W.; Georgiou, George; **Iverson, Brent**
 CORPORATE SOURCE: Department Chemical Engineering, University Texas, Austin, TX, 78712, USA
 SOURCE: Book of Abstracts, 216th ACS National Meeting, Boston, August 23-27 (1998), BIOT-193. American Chemical Society: Washington, D. C.
 CODEN: 66KYA2
 DOCUMENT TYPE: Conference; Meeting Abstract
 LANGUAGE: English

L8 ANSWER 9 OF 18 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1997:124803 CAPLUS

DOCUMENT NUMBER: 126:140570

TITLE: Chromophore probe for detection of nucleic acid

INVENTOR(S): Magda, Darren; Sessler, Jonathan L.; **Iverson, Brent**

PATENT ASSIGNEE(S): Pharmacyclics, Inc., USA; Board of Trustees, Univ. of Texas System

SOURCE: U.S., 13 pp. Cont.-in-part of U.S. Ser. No. 310,501.
 CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 21

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5595726	A	19970121	US 1995-486311	19950607
US 5252720	A	19931012	US 1992-822964	19920121
US 5451576	A	19950919	US 1993-112872	19930825
US 5559207	A	19960924	US 1994-227370	19940414
US 5567687	A	19961022	US 1994-310501	19940921
PRIORITY APPLN. INFO.:			US 1992-822964	A2 19920121
			US 1993-75123	B2 19930609
			US 1993-112872	A2 19930825
			US 1994-227370	A2 19940414
			US 1994-310501	A2 19940921
			US 1989-320293	A3 19890306
			US 1990-539975	A2 19900618
			US 1991-771393	B2 19910930

L8 ANSWER 10 OF 18 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1997:13638 CAPLUS

DOCUMENT NUMBER: 126:156216

TITLE: Evolution of catalytic activity throughout a polyclonal immune response elicited by a transition-state-analog hapten

AUTHOR(S): Shreder, Kevin; Thomas, Richard; Wallace, Michael; Helms, Eric; **Iverson, Brent**

CORPORATE SOURCE: Dep. Chem. Biochem., Univ. Texas, Austin, TX, 78712, USA

SOURCE: Isr. J. Chem. (1996), 36(2), 215-220

CODEN: ISJCAT; ISSN: 0021-2148

PUBLISHER: Laser Pages Publishing

DOCUMENT TYPE: Journal

LANGUAGE: English

L8 ANSWER 11 OF 18 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1996:679502 CAPLUS

DOCUMENT NUMBER: 126:72119

TITLE: Texaphyrins and their uses in photodynamic therapy and

INVENTOR(S): treatment of tumors and atheroma
 Magda, Darren; Sessler, Jonathan L.; **Iverson, Brent**; Jansen, Petra L.; Wright, Meredith; Mody, Tarak D.; Hemmi, Gregory W.
 PATENT ASSIGNEE(S): University of Texas, USA; Pharmacyclics, Inc.
 SOURCE: U.S., 54 pp. Cont.-in-part of U.S. 5,451,576.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 21
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5567687	A	19961022	US 1994-310501	19940921
US 4935498	A	19900619	US 1989-320293	19890306
US 5162509	A	19921110	US 1990-539975	19900618
US 5252720	A	19931012	US 1992-822964	19920121
US 5451576	A	19950919	US 1993-112872	19930825
US 5559207	A	19960924	US 1994-227370	19940414
US 5798491	A	19980825	US 1995-458347	19950602
US 5607924	A	19970304	US 1995-469177	19950606
US 5565552	A	19961015	US 1995-487722	19950607
US 5595726	A	19970121	US 1995-486311	19950607
CA 2200571	AA	19960328	CA 1995-2200571	19950921
WO 9609315	A1	19960328	WO 1995-US12312	19950921
W: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TT				
RW: KE, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9537270	A1	19960409	AU 1995-37270	19950921
AU 709951	B2	19990909		
EP 782579	A1	19970709	EP 1995-935137	19950921
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
JP 10508581	T2	19980825	JP 1995-511125	19950921
US 5633354	A	19970527	US 1996-614638	19960313
NO 9701317	A	19970516	NO 1997-1317	19970320
FI 9701176	A	19970519	FI 1997-1176	19970320
US 5837866	A	19981117	US 1997-862778	19970523
PRIORITY APPLN. INFO.:				
			US 1989-320293	A3 19890306
			US 1990-539975	A2 19900618
			US 1991-771393	B2 19910930
			US 1992-822964	A2 19920121
			US 1993-75123	B2 19930609
			US 1993-112872	A2 19930825
			US 1994-227370	A2 19940414
			US 1994-310501	A2 19940921
			US 1995-452261	B2 19950526
			US 1995-469177	A 19950606
			US 1995-487722	A1 19950607
			WO 1995-US12312	W 19950921
			US 1996-614638	A2 19960313
OTHER SOURCE(S): MARPAT 126:72119				

L8 ANSWER 12 OF 18 CAPLUS COPYRIGHT 2002 ACS
 ACCESSION NUMBER: 1996:637439 CAPLUS
 DOCUMENT NUMBER: 125:328394
 TITLE: Texaphyrin metal complex mediated ester hydrolysis
 INVENTOR(S): Sessler, Jonathan L.; Smith, Daniel A.; Miller, Richard A.; Ross, Kevin L.; Wright, Meredith; Dow, William C.; Kral, Vladimir A.; **Iverson, Brent**

PATENT ASSIGNEE(S): ; Magda, Darren
Board of Regents, University of Texas, USA;
Pharmacyclics, Inc.
SOURCE: U.S., 45 pp. Cont.-in-part of U.S. Ser. No. 75,123,
abandoned.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 21
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5559207	A	19960924	US 1994-227370	19940414
US 4935498	A	19900619	US 1989-320293	19890306
US 5162509	A	19921110	US 1990-539975	19900618
US 5252720	A	19931012	US 1992-822964	19920121
CA 2164419	AA	19941222	CA 1994-2164419	19940609
WO 9429316	A2	19941222	WO 1994-US6284	19940609
WO 9429316	A3	19950202		
W: AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, ES, FI, GB, GE, HU, JP, KG, KP, KR, KZ, LK, LU, LV, MD, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SI, SK, TJ, TT, UA, US, US, UZ, VN				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9470526	A1	19950103	AU 1994-70526	19940609
AU 694737	B2	19980730		
EP 702685	A1	19960327	EP 1994-919354	19940609
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
JP 08511532	T2	19961203	JP 1994-501981	19940609
US 5567687	A	19961022	US 1994-310501	19940921
US 5798491	A	19980825	US 1995-458347	19950602
US 5607924	A	19970304	US 1995-469177	19950606
US 5565552	A	19961015	US 1995-487722	19950607
US 5595726	A	19970121	US 1995-486311	19950607
US 5763172	A	19980609	US 1995-486962	19950607
US 5888997	A	19990330	US 1997-795393	19970204
US 5969111	A	19991019	US 1997-775261	19970204

PRIORITY APPLN. INFO.:
US 1989-320293 A3 19890306
US 1990-539975 A2 19900618
US 1991-771393 B2 19910930
US 1992-822964 A2 19920121
US 1993-75123 B2 19930609
US 1993-112872 A2 19930825
US 1994-227370 A 19940414
WO 1994-US6284 W 19940609
US 1994-310501 A2 19940921
WO 1994-US11491 A1 19941012
US 1995-437968 A2 19950510
US 1995-452261 B2 19950526
US 1995-485581 B1 19950607

OTHER SOURCE(S): MARPAT 125:328394

✓ L8 ANSWER 13 OF 18 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1996:217232 CAPLUS
TITLE: Flow cytometric screening of antibody fragment contact residue libraries displayed at the surface of escherichia coli: A model system for the development of bacterial surface display for antibody selection.
AUTHOR(S): Daugherty, Patrick; Chen, Gang; **Iverson, Brent**; Georgiou, George
CORPORATE SOURCE: Departments Chemical Engineering, University Texas, Austin, TX, 78712, USA
SOURCE: Book of Abstracts, 211th ACS National Meeting, New

Orleans, LA, March 24-28 (1996), BIOT-076. American
Chemical Society: Washington, D. C.
CODEN: 62PIAJ

DOCUMENT TYPE: Conference; Meeting Abstract
LANGUAGE: English

L8 ANSWER 14 OF 18 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1995:652274 CAPLUS

DOCUMENT NUMBER: 123:137436

TITLE: Texaphyrin metal complexes and their use in hydrolysis
of phosphate esters

INVENTOR(S): Sessler, Jonathan L.; Ross, Kevin L.; Wright,
Meredith; Hemmi, Gregory W.; Dow, William C.; Smith,
Daniel A.; Kral, Vladimir A.; **Iverson, Brent**
; Mody, Tarak; et al.

PATENT ASSIGNEE(S): Board of Regents, University of Texas System, USA;
Pharmacyclics, Inc.

SOURCE: PCT Int. Appl., 125 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 21

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9429316	A2	19941222	WO 1994-US6284	19940609
WO 9429316	A3	19950202		
W:	AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, ES, FI, GB, GE, HU, JP, KG, KP, KR, KZ, LK, LU, LV, MD, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SI, SK, TJ, TT, UA, US, US, UZ, VN			
RW:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
US 5559207	A	19960924	US 1994-227370	19940414
AU 9470526	A1	19950103	AU 1994-70526	19940609
AU 694737	B2	19980730		
EP 702685	A1	19960327	EP 1994-919354	19940609
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE			
JP 08511532	T2	19961203	JP 1994-501981	19940609
US 5969111	A	19991019	US 1997-775261	19970204
US 6072038	A	20000606	US 1998-104870	19980625

PRIORITY APPLN. INFO.:

US 1993-75123	A	19930609
US 1994-227370	A	19940414
US 1989-320293	A3	19890306
US 1990-539975	A2	19900618
US 1991-771393	B2	19910930
US 1992-822964	A2	19920121
US 1993-135118	A2	19931012
US 1995-227370	A2	19940414
WO 1994-US6284	W	19940609
WO 1994-US11491	A1	19941012
US 1995-437968	A2	19950510
US 1995-452261	B2	19950526
US 1997-795393	A1	19970204

OTHER SOURCE(S): MARPAT 123:137436

L8 ANSWER 15 OF 18 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1981:204084 CAPLUS

DOCUMENT NUMBER: 94:204084

TITLE: The "pocket" porphyrin: a hemoprotein model with
lowered carbon monoxide affinity

AUTHOR(S): Collman, James P.; Brauman, John I.; Collins, Terrence
J.; **Iverson, Brent**; Sessler, Jonathan L.

CORPORATE SOURCE: Dep. Chem., Stanford Univ., Stanford, CA, 94305, USA

SOURCE: J. Am. Chem. Soc. (1981), 103(9), 2450-2
CODEN: JACSAT; ISSN: 0002-7863
DOCUMENT TYPE: Journal
LANGUAGE: English

L8 ANSWER 16 OF 18 USPATFULL

ACCESSION NUMBER: 97:5712 USPATFULL
TITLE: Chromophore probe for detection of nucleic acid
INVENTOR(S): Magda, Darren, Cupertino, CA, United States
Sessler, Jonathan L., Austin, TX, United States
Iverson, Brent, Austin, TX, United States
PATENT ASSIGNEE(S): Pharmacyclics, Inc., Sunnyvale, CA, United States (U.S. corporation)
Board of Trustees, Univ. of TX Sys., Austin, TX, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5595726		19970121
APPLICATION INFO.:	US 1995-486311		19950607 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1994-310501, filed on 21 Sep 1994 which is a continuation-in-part of Ser. No. US 1993-112872, filed on 25 Aug 1993, now patented, Pat. No. US 5451576 And a continuation-in-part of Ser. No. US 1994-227370, filed on 14 Apr 1994 which is a continuation-in-part of Ser. No. US 1993-75123, filed on 9 Jun 1993, now abandoned which is a continuation-in-part of Ser. No. US 1992-822964, filed on 21 Jan 1992, now patented, Pat. No. US 5252720, said Ser. No. US -112872 which is a division of Ser. No. US -822964		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Raymond, Richard L.		
LEGAL REPRESENTATIVE:	Larson, Jacqueline S.		
NUMBER OF CLAIMS:	20		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	2 Drawing Figure(s); 2 Drawing Page(s)		
LINE COUNT:	1012		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L8 ANSWER 17 OF 18 USPATFULL

ACCESSION NUMBER: 96:97025 USPATFULL
TITLE: Texaphyrins and uses thereof
INVENTOR(S): Magda, Darren, Cupertino, CA, United States
Sessler, Jonathan L., Austin, TX, United States
Iverson, Brent, Austin, TX, United States
Jansen, Petra L., Austin, TX, United States
Wright, Meredith, San Jose, CA, United States
Mody, Tarak D., Sunnyvale, CA, United States
Hemmi, Gregory W., Sunnyvale, CA, United States
PATENT ASSIGNEE(S): University of Texas, Austin, TX, United States (U.S. corporation)
Pharmacyclics, Inc., Sunnyvale, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5567687		19961022
APPLICATION INFO.:	US 1994-310501		19940921 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1993-112872, filed on 25 Aug 1993, now patented, Pat. No. US 5451576 And Ser. No. US 1994-227370, filed on 14 Apr 1994 which is a continuation-in-part of Ser. No. US 1993-75123, filed		

on 9 Jun 1993, now abandoned which is a continuation-in-part of Ser. No. US 1992-822964, filed on 21 Jan 1992, now patented, Pat. No. US 5252720, issued on 12 Oct 1993 which is a continuation-in-part of Ser. No. US 1991-771393, filed on 30 Sep 1991, now abandoned which is a continuation-in-part of Ser. No. US 1990-539975, filed on 18 Jun 1990, now patented, Pat. No. US 5162509, issued on 10 Nov 1992 which is a division of Ser. No. US 1989-320293, filed on 6 Mar 1989, now patented, Pat. No. US 4935498, issued on 19 Jun 1990, said Ser. No. US -112872 which is a division of Ser. No. US -822964

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Raymond, Richard L.
LEGAL REPRESENTATIVE: Arnold, White & Durkee
NUMBER OF CLAIMS: 13
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 28 Drawing Figure(s); 28 Drawing Page(s)
LINE COUNT: 2828
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 18 OF 18 USPATFULL

ACCESSION NUMBER: 96:87695 USPATFULL
TITLE: Texaphyrin metal complex mediated ester hydrolysis
INVENTOR(S): Sessler, Jonathan L., Austin, TX, United States
Smith, Daniel A., Goshen, IN, United States
Miller, Richard A., Portola Valley, CA, United States
Ross, Kevin L., Blue Ash, OH, United States
Wright, Meredith, San Jose, CA, United States
Dow, William C., Fremont, CA, United States
Kr al, Vladimir A., Austin, TX, United States
Iverson, Brent, Austin, TX, United States
Magda, Darren, Cupertino, CA, United States
PATENT ASSIGNEE(S): Board of Regents, University of Texas, Austin, TX,
United States (U.S. corporation)
Pharmacyclics, Inc., Sunnyvale, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5559207		19960924
APPLICATION INFO.:	US 1994-227370		19940414 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1993-75123, filed on 9 Jun 1993, now abandoned which is a continuation-in-part of Ser. No. US 1992-822964, filed on 21 Jan 1992, now patented, Pat. No. US 5252720, issued on 12 Oct 1993 which is a continuation-in-part of Ser. No. US 1991-771393, filed on 30 Sep 1991, now abandoned which is a continuation-in-part of Ser. No. US 1990-539975, filed on 18 Jun 1990, now patented, Pat. No. US 5162509, issued on 10 Nov 1992 which is a division of Ser. No. US 1989-320293, filed on 6 Mar 1989, now patented, Pat. No. US 4935498, issued on 19 Jun 1990		

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Patterson, Jr., Charles L.
LEGAL REPRESENTATIVE: Arnold, White & Durkee
NUMBER OF CLAIMS: 40
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 24 Drawing Figure(s); 24 Drawing Page(s)
LINE COUNT: 2269
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

0 ANSWER 1 OF 8 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
 ACCESSION NUMBER: 2001:307486 BIOSIS
 DOCUMENT NUMBER: PREV200100307486
 TITLE: Isolation of high-affinity ligand-binding
proteins by periplasmic expression with cytometric
 screening (PECS).
 AUTHOR(S): Chen, Gang; Hayhurst, Andrew; Thomas, Jeffery G.; Harvey,
 Barrett R.; Iverson, Brent L. (1); **Georgiou, George**
 (1)
 CORPORATE SOURCE: (1) Institute for Cell and Molecular Biology, University of
 Texas, Austin, TX, 7812-05: biverson@utxvms.cc.utexas.edu,
 gg@che.utexas.edu USA
 SOURCE: Nature Biotechnology, (June, 2001) Vol. 19, No. 6, pp.
 537-542. print.
 ISSN: 1087-0156.
 DOCUMENT TYPE: Article
 LANGUAGE: English
 SUMMARY LANGUAGE: English

L10 ANSWER 2 OF 8 CAPLUS COPYRIGHT 2002 ACS
 ACCESSION NUMBER: 2001:428879 CAPLUS
 DOCUMENT NUMBER: 135:58046
 TITLE: Isolation of high-affinity ligand-binding
proteins by periplasmic expression with
 cytometric screening (PECS)
 AUTHOR(S): Chen, Gang; Hayhurst, Andrew; Thomas, Jeffery G.;
 Harvey, Barrett R.; Iverson, Brent L.; **Georgiou,**
George
 CORPORATE SOURCE: Inst. Cell and Molecular Biology, Univ. Texas, Austin,
 TX, 7812-05, USA
 SOURCE: Nature Biotechnology (2001), 19(6), 537-542
 CODEN: NABIF9; ISSN: 1087-0156
 PUBLISHER: Nature America Inc.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 3 OF 8 CAPLUS COPYRIGHT 2002 ACS
 ACCESSION NUMBER: 1999:8133 CAPLUS
 DOCUMENT NUMBER: 130:62025
 TITLE: Methods for producing heterologous disulfide
 bond-containing polypeptides in bacterial cells
 INVENTOR(S): **Georgiou, George**; Qiu, Ji; Bessette, Paul;
 Swartz, James R.
 PATENT ASSIGNEE(S): Board of Regents, the University of Texas System, USA
 SOURCE: PCT Int. Appl., 98 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9856930	A2	19981217	WO 1998-US12004	19980609
WO 9856930	A3	19990401		
W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE,			
	DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG,			
	KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX,			
	NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT,			
	UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES,			
	FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI,			

CM, GA, GN, ML, MR, NE, SN, TD, TG
 US 6083715 A 20000704 US 1997-871483 19970609
 AU 9881404 A1 19981230 AU 1998-81404 19980609
 EP 1002111 A2 20000524 EP 1998-931228 19980609
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, FI
 JP 2002504826 T2 20020212 JP 1999-503144 19980609
 PRIORITY APPLN. INFO.: US 1997-871483 A2 19970609
 WO 1998-US12004 W 19980609

L10 ANSWER 4 OF 8 CAPLUS COPYRIGHT 2002 ACS

✓ ACCESSION NUMBER: 1996:217232 CAPLUS
 TITLE: Flow cytometric screening of antibody fragment contact
 residue libraries displayed at the surface of
 escherichia coli: A model system for the development
 of bacterial surface display for antibody selection.
 AUTHOR(S): Daugherty, Patrick; Chen, Gang; Iverson, Brent;
Georgiou, George
 CORPORATE SOURCE: Departments Chemical Engineering, University Texas,
 Austin, TX, 78712, USA
 SOURCE: Book of Abstracts, 211th ACS National Meeting, New
 Orleans, LA, March 24-28 (1996), BIOT-076. American
 Chemical Society: Washington, D. C.
 CODEN: 62PIAJ
 DOCUMENT TYPE: Conference; Meeting Abstract
 LANGUAGE: English

L10 ANSWER 5 OF 8 USPATFULL

ACCESSION NUMBER: 2001:14199 USPATFULL
 TITLE: In vitro scanning saturation mutagenesis of proteins
 INVENTOR(S): Iverson, Brent L., Austin, TX, United States
Georgiou, George, Austin, TX, United States
 Burks, Elizabeth A., Manchaca, TX, United States
 PATENT ASSIGNEE(S): Board of Regents, The University of Texas System,
 Austin, TX, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6180341	B1	20010130
APPLICATION INFO.:	US 1998-70408		19980430 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1997-45409P	19970501 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Patterson, Jr., Charles L.	
LEGAL REPRESENTATIVE:	Fulbright & Jaworski LLP	
NUMBER OF CLAIMS:	21	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	13 Drawing Figure(s); 8 Drawing Page(s)	
LINE COUNT:	2836	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 6 OF 8 USPATFULL

ACCESSION NUMBER: 2000:84056 USPATFULL
 TITLE: Methods for producing heterologous disulfide
 bond-containing polypeptides in bacterial cells
 INVENTOR(S): **Georgiou, George**, Austin, TX, United States
 Oiu, Ji, Austin, TX, United States
 Bessette, Paul, Austin, TX, United States
 Swartz, James, Menlo Park, CA, United States
 PATENT ASSIGNEE(S): Board of Regents, The University of Texas System,
 Austin, TX, United States (U.S. corporation)

Genentech, Inc., South San Francisco, CA, United States
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6083715		20000704
APPLICATION INFO.:	US 1997-871483		19970609 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Patterson, Jr., Charles L.		
ASSISTANT EXAMINER:	Tung, Peter P.		
LEGAL REPRESENTATIVE:	Arnold, White & Durkee		
NUMBER OF CLAIMS:	46		
EXEMPLARY CLAIM:	2		
NUMBER OF DRAWINGS:	5 Drawing Figure(s); 3 Drawing Page(s)		
LINE COUNT:	2915		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 7 OF 8 USPATFULL

ACCESSION NUMBER: 96:31742 USPATFULL
TITLE: Bacterial host strains for producing proteolytically sensitive polypeptides
INVENTOR(S): **Georgiou, George**, Austin, TX, United States
Baneyx, Francois, Seattle, WA, United States
PATENT ASSIGNEE(S): Board of Regents, The University of Texas System,
Austin, TX, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5508192		19960416
APPLICATION INFO.:	US 1993-153855		19931118 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1990-612696, filed on 9 Nov 1990, now patented, Pat. No. US 5264365, issued on 23 Nov 1993		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Fleisher, Mindy B.		
ASSISTANT EXAMINER:	Vogel, Nancy T.		
LEGAL REPRESENTATIVE:	Arnold, White & Durkee		
NUMBER OF CLAIMS:	7		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	5 Drawing Figure(s); 5 Drawing Page(s)		
LINE COUNT:	1390		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 8 OF 8 USPATFULL

ACCESSION NUMBER: 94:82162 USPATFULL
TITLE: Expression of proteins on bacterial surface
INVENTOR(S): **Georgiou, George**, 11501 Juniper Ridge Dr.,
Austin, TX, United States 78759
Francisco, Joseph A., Austin, TX, United States
Earhart, Charles F., Austin, TX, United States
PATENT ASSIGNEE(S): Georgiou, George, Austin, TX, United States (U.S. individual)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5348867		19940920
APPLICATION INFO.:	US 1991-794731		19911115 (7)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Hill, Jr., Robert J.		
ASSISTANT EXAMINER:	Allen, Marianne Porta		
LEGAL REPRESENTATIVE:	Arnold, White & Durkee		

NUMBER OF CLAIMS: 19
EXEMPLARY CLAIM: 1,2
NUMBER OF DRAWINGS: 11 Drawing Figure(s); 10 Drawing Page(s)
LINE COUNT: 1400
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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